

## Sequence Listing

<110> SUNTORY LIMITED

SUNTORY BIOMEDICAL RESEARCH LIMITED

<120> Promoters of the growth and/or differentiation of hematopoietic stem cells and/or hematopoietic progenitors

<130> YCT-785

<150> JP 2001-400330

<151> December 28, 2001

<160> 4

<200> 1

<211> 166

<212> PRT

<213> Human

<223> Amino acid sequence of human Cofilin.

<400> 1

Met Ala Ser Gly Val Ala Val Ser Asp Gly Val Ile Lys Val Phe Asn

5

10

15

Asp Met Lys Val Arg Lys Ser Ser Thr Pro Glu Glu Val Lys Lys Arg

20

25

30

Lys Lys Ala Val Leu Phe Cys Leu Ser Glu Asp Lys Lys Asn Ile Ile

35

40

45

Leu Glu Glu Gly Lys Glu Ile Leu Val Gly Asp Val Gly Gln Thr Val

50                      55                      60  
 Asp Asp Pro Tyr Ala Thr Phe Val Lys Met Leu Pro Asp Lys Asp Cys  
 65                      70                      75                      80  
 Arg Tyr Ala Leu Tyr Asp Ala Thr Tyr Glu Thr Lys Glu Ser Lys Lys  
 85                      90                      95  
 Glu Asp Leu Val Phe Ile Phe Trp Ala Pro Glu Ser Ala Pro Leu Lys  
 100                      105                      110  
 Ser Lys Met Ile Tyr Ala Ser Ser Lys Asp Ala Ile Lys Lys Leu  
 115                      120                      125  
 Thr Gly Ile Lys His Glu Leu Gln Ala Asn Cys Tyr Glu Glu Val Lys  
 130                      135                      140  
 Asp Arg Cys Thr Leu Ala Glu Lys Leu Gly Gly Ser Ala Val Ile Ser  
 145                      150                      155                      160  
 Leu Glu Gly Lys Pro Leu  
 165

<200> 2

<211> 501

<212> DNA

<213> Human

<223> Nucleotide sequence of human Cofilin.

<400> 2

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 cgtaagtctt caacgccaga ggaggtgaag aagcgcaaga aggcgggtgct ctctgcctg 120  
 agtgaggaca agaagaacat catcctggag gagggcaagg agatcctggt gggcgatgtg 180  
 ggccagactg tcgacgatcc ctacgccacc ttgtcaaga tgcgtgccaga taaggactgc 240  
 cgctatgcc tctatgatgc aacctatgag accaaggaga gcaagaagga ggcctggtg 300  
 ttattctctt gggcccccca gtctgcgcc cttaaagca aatgatatta tgccagctcc 360

aaggacgcc acaagaaga gctgacaggg atcaagcatg aattgcaagc aaactgctac 420  
 gaggagggtca aggaccgctg caccctggca gagaagctgg ggggcagtg c ggtcatctcc 480  
 ctggagggca agcctttgtg a 501

<200> 3

<211> 25

<212> DNA

<213> Artificial sequence

<223> Primer sequence for amplifying human Cofilin gene.

<400> 3

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<200> 4

<211> 26

<212> DNA

<213> Artificial sequence

<223> Primer sequence for amplifying human Cofilin gene.

<400> 4

tctccctgga gggcaagcct ttgtga 26